L Number	Hite	Search Text	DB	Time stamp
- wanner	10667		USPAT	2004/02/15 17:16
[reformat\$3 and "web page"		
-	251	reformation and "web page"	USPAT	2004/01/08 15:21
-	147	reformat\$3 and "web page" and "web server"	USPAT	2004/01/07 15:52
-	4	reformat\$3 and "web page" and "web server"	USPAT	2004/01/07 15:54
		and html and wml		
-	6	(reformat\$3 or re-author\$4 or rebuild\$4) and	USPAT	2004/01/07 15:55
		"web page" and "web server" and html and wml		
-	4	(reformat\$3 or re-author\$4 or rebuild\$4) and	USPAT	2004/01/07 19:18
		"web page" and "web server" and html and wml		, , ,
		and java		
l _	7237		USPAT	2004/01/07 19:36
l_	5833	709/206 709/246 709/217 709/220 and	USPAT	2004/01/07 19:37
_	2033		USPAI	2004/01/0/ 19:3/
l i		(reformat\$3 or re-author\$4 or rebuild\$4) and		
		"web page" and "web server" and html and wml		
		and java		•
-	2	(709/206 709/246 709/217 709/220) and	USPAT	2004/01/07 19:37
		(reformat\$3 or re-author\$4 or rebuild\$4) and		
		"web page" and "web server" and html and wml		
		and java		
_	4	reformat\$3 and ((e-mail or email) with	USPAT	2004/01/08 15:22
	7	(thread\$3 chain\$3))	551111	2004/01/00 13.22
_	16	parse and ((e-mail or email) with (thread\$3	USPAT	2004/02/15 15 50
-	Тρ		USPAI	2004/02/15 15:50
	_	chain\$3))		
-	1	(parse with (html e-mail)) and ((e-mail or	USPAT	2004/01/08 16:53
		email) with (thread\$3 chain\$3))		
j -	12		USPAT	2004/02/15 15:50
		chain\$3))and sort\$3		
] -	12		USPAT	2004/01/08 17:44
		chain\$3))and sort\$3 and forward\$3		
-	6	parse and ((e-mail or email) with (thread\$3	USPAT	2004/02/15 18:11
j		chain\$3))and sort\$3 and forward\$3 And		
		(redundant eliminate reduce remove)		
_	0		HODATE	2004/02/15 15 10
-	U	parse and ((e-mail or email) with (USPAT	2004/02/15 15:49
		chain\$3))and sort\$3 and forward\$3 And		
		(redundant eliminate reduce remove)		
-	3	parse and ((e-mail or email or mail) with	USPAT	2004/02/15 15:51
		(chain\$3))		
-	270	((e-mail or email or mail) with (chain\$3))	USPAT	2004/02/15 15:51
-	6	((e-mail or email or mail) adj (chain\$3))	USPAT	2004/02/15 15:52
-	140	((e-mail or email or mail) near3 (chain\$3))	USPAT	2004/02/15 15:54
-	4	((e-mail or email or mail) with (chain\$3))	USPAT	2004/02/15 15:57
	_	and smtp		====, ==, ==, == ===, ==
_	0	((e-mail or email or mail) with (chain\$3))	USPAT	2004/02/15 15:57
	U	and smtp and (chain adj key)	JOERI	2004/02/15 15:5/
	_		HODE	2004/00/15 15 55
-	3	((e-mail or email or mail) with (chain\$3))	USPAT	2004/02/15 15:57
		and smtp and (chain and key)		
-	97	chain\$2 adj messag\$4	USPAT	2004/02/15 16:50
-	3	chain\$2 adj messag\$4 and smtp	USPAT	2004/02/15 16:52
-	19	chain\$2 with messag\$4 and smtp	USPAT	2004/02/15 16:52
-	10	chain\$2 with messag\$4 and smtp and (messag\$4	USPAT	2004/02/15 16:53
		near 6185551.PN. group\$3)		
_	1	chain\$2 with messag\$4 and smtp and (messag\$4	USPAT	2004/02/15 16:55
		near2 group\$3)	331111	2001/02/13 10.55
_	0		HEDAT	2004/02/15 17:25
	U	chain\$2 near2 messag\$4 and smtp and	USPAT	2004/02/15 17:25
	_	(messag\$4 near2 group\$3)		0001/00/5-
-	0	chain\$2 near3 messag\$4 and smtp and	USPAT	2004/02/15 16:55
		(messag\$4 near2 group\$3)		
-	49	(e-mail or email) and chain\$4 and search\$3	USPAT	2004/02/15 17:18
		and (key adj field)		
-	47	(e-mail or email) and chain\$4 and search\$3	USPAT	2004/02/15 17:18
		and (key adj field) and group		
_	1	(e-mail or email) and chain\$4 and search\$3	USPAT	2004/02/15 17:19
		and (key adj field) and (message adj2 group)	331	
<u>-</u>	10		HCDAT	2004/02/75 75 55
-	13	message adj chaining	USPAT	2004/02/15 17:28
-	27	message adj linking	USPAT	2004/02/15 17:26
-	5	message adj linking and (e-mail or email)	USPAT	2004/02/15 17:28
-	0	message adj chaining and (e-mail or email)	USPAT	2004/02/15 17:28
-	2	message adj3 chaining and (e-mail or email)	USPAT	2004/02/15 17:42
	10729	(email or "e-mail" or (elcetronic adj mail))	USPAT	2004/02/15 17:47

_	387	((email or "e-mail" or (elcetronic adj	USPAT	2004/02/15 17:48
		mail))) and ((chain link thread) near2		,
		messag\$4)		
-	203	((email or "e-mail" or (elcetronic adj	USPAT	2004/02/15 17:49
		mail))) and ((chain link thread) near2		
		messag\$4) and group and field and value		
-	0	((email or "e-mail" or (elcetronic adj	USPAT	2004/02/15 17:49
		mail))) and ((chain link thread) near2	ODFAI	2004/02/13 17:49
		messag\$4) and (create adj2 group) and field		
		and value		
_	3	((email or "e-mail" or (elcetronic adj	HODAG	2004/02/15 17 50
	3		USPAT	2004/02/15 17:58
		mail))) and ((chain link thread) near2		
		messag\$4) and (creat\$4 near group) and field	}	
		and value		
-	21	chat adj group	USPAT	2004/02/15 17:58
1 -		chat adj group and email	USPAT	2004/02/15 18:02
-	21	chat adj group and ((related linked chained	USPAT	2004/02/15 18:04
) neaer2 message\$1)		
-	0	chat adj group and ((related linked chained	USPAT	2004/02/15 18:04
	1) neaer2 message\$1) and related adj		
		message\$1		
-	2		USPAT	2004/02/15 18:05
) neaer2 message\$1) and link\$2 adj message\$1		' -, -= -= -
-	0	chat adj group and ((related linked chained	USPAT	2004/02/18 12:42
) neaer2 message\$1) and chain\$2 adj		2001, 02, 10 12.12
		message\$1		
_	95		USPAT	2004/02/15 18:05
_	3	chain\$2 adj message\$1 and smtp	USPAT	2004/02/15 18:05 2004/02/15 18:05
1_	5	"6185551"	i	
-			USPAT	2004/02/15 18:11
-	3	(chain adj forward\$4) near3 messag\$4	USPAT	2004/02/18 12:44
-	14258	,	USPAT	2004/02/18 12:47
-	908	(email e-mail (electronic adj mail)) and	USPAT	2004/02/18 12:49
		smtp		
-	567	,	USPAT	2004/02/18 14:47
		message adj2 (thread\$3 chain\$3 link\$3		
		group\$3)		
-	25		USPAT	2004/02/18 12:53
		message adj2 (thread\$3 chain\$3 link\$3		
1		group\$3) and ((news chat) adj2 group\$4)		
-	10	(email e-mail (electronic adj mail)) and	USPAT	2004/02/18 14:42
		(message adj2 (thread\$3 chain\$3 link\$3		
		group\$3)) and smtp and ((news chat) adj2		
		group\$4)		
-	8	(email e-mail (electronic adj mail)) and	USPAT	2004/07/12 18:36
		(message adj2 (thread\$3 chain\$3 link\$3		' ', ' '
		group\$3)) and smtp and ((news chat) adj2	ļ	
	1	group\$4) and key and field		
_	0	(email e-mail (electronic adj mail)) and	USPAT	2004/02/18 14:48
	1	message adj2 (thread\$3 chain\$3 link\$3		,, 10 14.40
	1	group\$3) and (chain adj key)		
_	0		USPAT	2004/02/18 14:48
		message adj2 (thread\$3 chain\$3 link\$3	22171	2004/02/16 14:48
_	2	group\$3) and (chain adj field)	HODAT	2004/02/10 15 25
_	2	', '	USPAT	2004/02/18 16:37
		message adj2 (thread\$3 chain\$3 link\$3		
	_	group\$3) and (link adj field)		,
-	1	(email e-mail (electronic adj mail)) and	USPAT	2004/02/18 16:50
		message adj2 (thread\$3 chain\$3 link\$3		
		group\$3) and (chain\$2 adj2 field)		
-	0	"chain_key" and "chain_value"	USPAT	2004/02/18 16:51
-	0	"chain_key"	USPAT	2004/02/18 16:51
-	0	(chain adj key) and (chain adj value)	USPAT	2004/02/18 16:52
-	5	(link adj key) and (link adj value)	USPAT	2004/02/18 16:52
-	0	(link adj key) and (link adj value) and	USPAT	2004/02/18 16:52
		email		'
-	0	(chain\$3 and ((electronic adj mail) e\$mail	USPAT	2004/07/11 20:22
		email)).ti.		·
-	1	(chain\$3 and ((electronic adj mail) e\$mail	USPAT	2004/07/11 20:24
	1	email) and messag\$3).ab.		,,
-	3	(chain\$3 and ((electronic adj mail) e\$mail	USPAT	2004/07/11 20:24
		email)).ab.		,,
		<u> </u>	I	

	22	(chain\$3 with ((electronic adj mail) e\$mail	USPAT:	2004/07/11 20 20
_	22	email)).ab.	US-PGPUB:	2004/07/11 20:29
		email, ,.ab.	EPO; JPO;	
			DERWENT	
_	2769	(((electronic adj mail) e\$mail email) near	USPAT:	2004/07/11 20:31
	2703	message\$1).ab.	US-PGPUB;	2004/07/11 20:31
		messagevi / .ab.	EPO; JPO;	
•			DERWENT	
_	797	(((electronic adj mail) e\$mail email) near	USPAT;	2004/07/11 20:30
	'-'	message\$1).ti.	US-PGPUB:	2001,07,11 20.50
			EPO; JPO;	
			DERWENT	
_	61	(((electronic adj mail) e\$mail email) near	USPAT	2004/07/11 20:30
		message\$1).ti.		
	61	(((electronic adj mail) e\$mail email) near	USPAT	2004/07/11 20:30
		message\$1).ti.		
-	352	(((electronic adj mail) e\$mail email) near	USPAT	2004/07/11 20:31
		message\$1).ab.		
-	7	(((Oloobletile da) mall, ofmall omall, near	USPAT	2004/07/11 20:32
		message\$1).ab. and (chain\$2 with message\$1)		
-	1	(((electronic adj mail) e\$mail email) near	USPAT	2004/07/11 20:32
		message\$1).ab. and (chain\$2 with message\$1)		
		and address and book		
-	0	'	USPAT	2004/07/12 18:38
	4004	book) and (chain\$2 with message\$1)		
_	1094	(USPAT	2004/07/12 18:39
-	50	1 ,	USPAT	2004/07/12 18:40
-	0	(,-	USPAT	2004/07/12 18:40
	0	group\$1 (chain\$2 with message\$1) with field with	USPAT	1 2004/07/12 10 40
-		(chain\$2 with message\$1) with field with group\$4	USPAT	2004/07/12 18:40
	,	groups4 (chain\$2 with message\$1) with field same	USPAT	2004/07/12 18:40
		qroup\$4	USPAI	2004/0//12 18:40
L	L	Aroghas		L

Record List Display Page 2 of 6

US-CL-CURRENT: 558/416; 560/20, 560/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 3. Document ID: US 20040116398 A1

L4: Entry 3 of 294

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040116398

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040116398 A1

TITLE: Therapeutic applications of estrogenic carboxylic acids

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Meyers, Cal Y. Carbondale $_{
m IL}$ US Banz, William J. Carterville IL US Adler, Stuart R. Creve Coeur MO US Winters, Todd A. Murphysboro ILUS Hou, Yuging Carbondale IL US Dandliker, Walter B. La Jolla CA US

US-CL-CURRENT: 514/182

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWWC	Draw, D

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	4.]	Docume	nt ID:	US 20	040097754	A1						
∟4: E	ntry	4 of 2	94				File: P	GPB		Mav	20.	2004

PGPUB-DOCUMENT-NUMBER: 20040097754

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040097754 A1

TITLE: Processes for the preparation of olefins, unsaturated $\underline{\text{carboxylic acids}}$ and unsaturated nitriles from alkanes

PUBLICATION-DATE: May 20, 2004

NAME	CITY	STATE	COUNTRY	RULE-47
Bogan, Leonard Edward JR.	Hatfield	PA	US	
Gaffney, Anne Mae	West Chester	PA	US	
Han, Scott	Lawrenceville	NJ	US	
Heffner, Michele Doreen	Chalfont	PA	US	
Song, Ruozhi	Wilmington	DE	US	
Zolotorofe, Donald Lee	Ivyland	PA	US	

US-CL-CURRENT: 562/546; 562/547, 585/658

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw. De

☐ 5. Document ID: US 20040077897 A1

L4: Entry 5 of 294

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040077897

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040077897 A1

TITLE: Preparation of unsaturated carboxylic acids and unsaturated carboxylic acid

esters from alkanes and/or alkenes

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Benderly, Abraham

Elkins Park

PA

US

Gaffney, Anne Mae

West Chester

PΑ

US

US-CL-CURRENT: 560/208

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De													
	Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De

☐ 6. Document ID: US 20040048347 A1

L4: Entry 6 of 294

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040048347

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040048347 A1

TITLE: Oligomers and oligomeric segments of alpha-hydroxy carboxylic acids and

alpha-amino acids

PUBLICATION-DATE: March 11, 2004

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Lorbert, Stephen J. St. Louis US MO Schasteen, Charles S. St. Louis US MO Nam, Paul K. S. Rolla OM US Forciniti, Daniel Rolla US MO Rajesh, Mathur P. Rolla US MO Kapila, Shubhender Rolla MO US

US-CL-CURRENT: <u>435/129</u>

Nov 27, 2003

Full	Title C	itation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	КМС	Draw	D e
	7. Do	cume	nt ID:	US 20	040029863	A1						***************************************	
	Entry 7						File: P	GPB		Feb	12,	2004	,

PGPUB-DOCUMENT-NUMBER: 20040029863

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040029863 A1

TITLE: Carboxylic acid substituted heterocycles, derivatives thereof and methods of

use

PUBLICATION-DATE: February 12, 2004

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Koch, Kevin Boulder CO US Termin, Andreas Encinitas CA US Josey, John A. Longmont CO US

US-CL-CURRENT: $\underline{514}/\underline{217.04}$; $\underline{514}/\underline{217.08}$, $\underline{514}/\underline{217.11}$, $\underline{540}/\underline{596}$, $\underline{540}/\underline{597}$, $\underline{540}/\underline{604}$

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De

	8.	Docume	nt ID:	US 20	030219372	A1						

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20030219372

PGPUB-FILING-TYPE: new

L4: Entry 8 of 294

DOCUMENT-IDENTIFIER: US 20030219372 A1

TITLE: Ammoxidation of carboxylic acids to a mixture of nitriles

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Seely, Michael J. Naperville ILUS Godbole, Sanjay P. Solon OH US Paparizos, Christos Willowick ОН US

US-CL-CURRENT: 423/376; 558/320

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawi D

· L4: Entry 9 of 294

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030199427

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030199427 A1

TITLE: Cyanophenoxy <u>carboxylic acid</u> compounds and compositions for delivering

active agents

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Moye-Sherman, Destardi

Newburgh

NY

US

Gschneidner, David Stamford

amford CT

US

US-CL-CURRENT: 514/2; 514/171, 514/522, 514/54, 558/414

rull	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D

L 10. Document ID: US 20030187297 A1

L4: Entry 10 of 294

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187297

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187297 A1

TITLE: Methods for producing unsaturated carboxylic acids and unsaturated nitriles

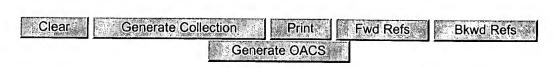
PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bogan, Leonard Edward JR.	Hatfield	PA	US	
Han, Scott	Lawrenceville	NJ	US	
Jacobs, Bradley Anson	Chalfont	PA	US	
Kaiser, Frederick William	Fort Washington	PA	us	
Klugherz, Peter David	Huntingdon Valley	PA	US	
Lin, Manhua	Levittown	PA	US	
Link, Richard David III	Levittown	PA	US	
Linsen, Michael William	North Wales	PA	US	

US-CL-CURRENT: <u>562/546</u>; <u>562/547</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D



Search Results - Record(s) 11 through 20 of 294 returned.

☐ 11. Document ID: US 20030149295 A1

Using default format because multiple data bases are involved.

L4: Entry 11 of 294

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149295

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149295 A1

TITLE: Oxidation process for the production of alkenes and carboxylic acids

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RUL

RULE-47

Ellis, Brian

Lower Sunbury

GB

Roberts, Mark Stephen

Beverley

GB

US-CL-CURRENT: <u>560/241.1</u>; <u>562/544</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawt De
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	12.	Docum	ent ID): US 2	003014366	1 A1						
L4: E	Entry	12 of	294				File:	PGPB		Jul	31.	2003

PGPUB-DOCUMENT-NUMBER: 20030143661

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030143661 A1

TITLE: Enantioselective oligomerization of alpha-hydroxy carboxylic acids and

alpha-amino acids

PUBLICATION-DATE: July 31, 2003

NAME	CITY	STATE	COUNTRY	RULE-47
Lorbert, Stephen J.	St. Louis	MO	US	
Schasteen, Charles S.	St. Charles	MO	US	
Nam, Paul K.S.	Rolla	MO	US	
Forciniti, Daniel	Rolla	MO	US	
Rajesh, Mathur P.	Rolla	MO	US	

Kapila, Shubhender

Rolla

MO

US

US-CL-CURRENT: 435/68.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
**************************************				797 - W.C. W. C. W								

☐ 13. Document ID: US 20030109749 A1

L4: Entry 13 of 294

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030109749

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030109749 A1

TITLE: Processes for the preparation of olefins, unsaturated $\underline{\text{carboxylic acids}}$ and unsaturated nitriles from alkanes

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bogan, Leonard Edward JR.	Hatfield	PA	US	
Gaffney, Anne Mae	West Chester	PA	us	
Han, Scott	Lawrenceville	NJ	us	
Heffner, Michele Doreen	Chalfont	PA	US	
Song, Ruozhi	Wilmington	DE	US	
Zolotorofe, Donald Lee	Ivyland	PA	US	

US-CL-CURRENT: $\underline{562}/\underline{546}$; $\underline{562}/\underline{547}$, $\underline{585}/\underline{654}$, $\underline{585}/\underline{660}$

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, Di
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		14 of		. 052	005010075	7 /1	File:	PGPB		Mav	29.	2003

PGPUB-DOCUMENT-NUMBER: 20030100794

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100794 A1

TITLE: Molybdenum and vanadium based catalysts for the oxidation of alkanes to <arboxylic acids and olefins

PUBLICATION-DATE: May 29, 2003

NAME	CITY STATE	COUNTRY RULE-47
Karim, Khalid	Burnage	GB
Al-Hazmi, Mohammad H.	Riyadh	SA
Khan, Asad Ahmad	Riyadh	SA

Zaheer, Syed Irshad

Riyadh

SA

US-CL-CURRENT: $\underline{562}/\underline{535}$; $\underline{502}/\underline{322}$, $\underline{562}/\underline{547}$, $\underline{585}/\underline{621}$

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
П	15.	Docum	ent ID): US 2	002019840	6 A 1	**************************************	THE PERSONAL PROPERTY IN SECURIOR SECUR	MATERIA (M. 1984) (M. 1984			
		15 of					File:	PGPB		Dec	26,	2002

PGPUB-DOCUMENT-NUMBER: 20020198406

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198406 A1

TITLE: Two stage process for the production of unsaturated <u>carboxylic acids</u> by oxidation of lower unsaturated hydrocarbons

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Karim, Khalid	Burnage		GB	
Bhat, Yajnavalkya Subrai	Riyadh		SA	
Khan, Asad Ahmad	Riyadh		SA	
Zaheer, Syed Irshad	Riyadh		SA	
Nafisa, Abdullah Bin	Riyadh		SA	

US-CL-CURRENT: 562/546

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
\$2000 MANUAL PROPERTY.			ORNERS OF THE WOOD		The state of the s						·····	Million de
	16.	Docum	ent ID	: US 2	002016125	9 A1	College of the State of the Sta	X + MORROWS STREET, STATE OF THE WAY A	SCHOOL			

PGPUB-DOCUMENT-NUMBER: 20020161259

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161259 A1

TITLE: Process and catalyst for dehydrogenating primary alcohols to make $\underline{\text{carboxylic}}$ acid salts

PUBLICATION-DATE: October 31, 2002

NAME	CITY	STATE	COUNTRY	RULE-47
Morgenstern, David A.	Creve Coeur	MO	US	
Arhancet, Juan P.	Creve Coeur	MO	US	
Berk, Howard C.	St. Louis	MO	US	
Moench, William L. JR.	St. Louis	MO	US	

Peterson, James C.

Manchester

MO

US

US-CL-CURRENT: <u>562/542</u>; <u>502/345</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De

☐ 17. Document ID: US 20020137966 A1

L4: Entry 17 of 294

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137966

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020137966 A1

TITLE: Process for the preparation of carboxylic acid benzyl esters

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Ooms, Pieter

Krefeld

DE

Schenke, Bernd-Ulrich

Bottrop

DE

US-CL-CURRENT: <u>560/240</u>

Full Title	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
П 18	Document ID). IIS 2	002013280	6 A 1		TIMES OF THE STATE		· · · · · · · · · · · · · · · · · · ·		
	18 of 294	. 052	.002013200	O A I	File:	PGPB		Sep	19,	2002

PGPUB-DOCUMENT-NUMBER: 20020132806

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020132806 A1

TITLE: 7-[(4'-trifluoromethyl-biphenyl-2-carbonyl)amino]-quinoline-3-carboxylic acid amides, and methods of inhibiting the secretion of apolipoprotein B

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Ruggeri, Roger

Waterford

CT

US

Wilson, Douglas

Groton

CT

US

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw. De

☐ 19. Document ID: US 20020115887 A1

L4: Entry 19 of 294

File: PGPB

SA

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115887

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115887 A1

TITLE: Catalysts for the oxidation of unsaturated aldehydes to produce carboxylic acids and methods of making the same

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Karim, Khalid Manchester GB Bhat, Yajnavalkya Subrai Riyadh SA Zaheer, Syed Irshad Riyadh SA Khan, Asad Ahmad Riyadh

US-CL-CURRENT: <u>562/532</u>; <u>502/248</u>

Full Title	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
The state of the s										
□ 20.	Document ID	: US 2	002009923	9 A1						
L4: Entry	20 of 294				File:	PGPB		Jul	25,	2002

PGPUB-DOCUMENT-NUMBER: 20020099239

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099239 A1

TITLE: Oxidation process for the production of alkenes and carboxylic acids

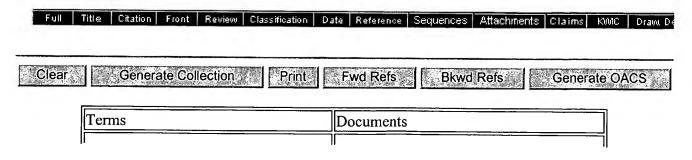
PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Ellis, Brian Lower Sunbury GB Roberts, Mark Stephen Beverley GB

US-CL-CURRENT: <u>560/241.1</u>; <u>562/549</u>



Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 21 through 30 of 294 returned.

☐ 21. Document ID: US 20020099089 A1

Using default format because multiple data bases are involved.

L4: Entry 21 of 294

File: PGPB

Jul 25, 2002

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020099089

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099089 A1

TITLE: Carboxylic acid amides, pharmaceutical compositions containing these

compounds, their use and preparation

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hauel, Norbert Schemmerhofen DE
Priepke, Henning Warthausen DE
Damm, Klaus Biberach DE
Schnapp, Andreas Biberach DE

US-CL-CURRENT: 514/521; 514/237.8, 514/617, 514/622

Full Titl	e Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw, Dr

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20020065269

PGPUB-FILING-TYPE: new

L4: Entry 22 of 294

DOCUMENT-IDENTIFIER: US 20020065269 A1

TITLE: Carboxylic acid substituted heterocycles, derivatives thereof and methods of

use

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Koch, KevinBoulderCOUSTermin, AndreasEncinitasCAUS

Josey, John A.

Longmont

CO

US

US-CL-CURRENT: $\underline{514}/\underline{217.11}$; $\underline{514}/\underline{151}$, $\underline{514}/\underline{183}$, $\underline{514}/\underline{217.03}$, $\underline{540}/\underline{480}$, $\underline{540}/\underline{482}$, $\underline{540}/\underline{565}$, $\underline{540}/\underline{596}$, $\underline{540}/\underline{605}$

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Draw. D

☐ 23. Document ID: US 20020058847 A1

L4: Entry 23 of 294

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058847

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058847 A1

TITLE: Catalysts for oxidation of lower olefins to $\underline{unsaturated\ aldehydes}$, methods of making and using the same

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Karim, Khalid	Manchester		GB	
Bhat, Yajnavalkya Subrai	Riyadh		SA	
Zaheer, Syed Irshad	Riyadh		SA	
Khan, Asad Ahmad	Riyadh		SA	

US-CL-CURRENT: 568/475

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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	24.	Docum	ent ID	: US 2	002005875	7 A1						
L4: E	ntry	24 of	294				File:	PGPB		Mav	16,	2002

PGPUB-DOCUMENT-NUMBER: 20020058757

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058757 A1

TITLE: Thermosetting compositions containing <u>carboxylic acid</u> functional polymers prepared by atom transfer radical polymerization

PUBLICATION-DATE: May 16, 2002

NAME	CITY	STATE	COUNTRY	RULE-47
Barkac, Karen A.	Murrysville	PA	US	
Coca, Simion	Pittsburgh	PA	US	
Franks, James R.	Gibsonia	PA	US	
Humbert, Kurt A.	Bethel Park	PA	US	

Lamers, Paul H.	Allison Park	PA	US
Martin, Roxalana L.	Pittsburgh	PA	US
O'Dwyer, James <u>B.</u>	Valencia	PA	US
Olson, Kurt G.	Gibsonia	PA	US
White, Daniela	Pittsburgh	PA	US

US-CL-CURRENT: <u>525/131</u>; <u>525/176</u>, <u>525/326.1</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De	
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	25.	Docum	ent ID	: US 2	002001956	4 A1							
L4: E	ntry	25 of	294				File:	PGPB		Feb	14,	2002	

PGPUB-DOCUMENT-NUMBER: 20020019564

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020019564 A1

TITLE: Process and catalyst for dehydrogenating primary alcohols to make carboxylic acid salts

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Morgenstern, David A.	Creve Coeur	MO	US	
Arhancet, Juan P.	Creve Couer	MO	US	
Berk, Howard C.	St. Louis	MO	US	
Moench, William L. JR.	Town ?amp; Country	MO	US	
Peterson, James C.	Manchester	MO	US	

US-CL-CURRENT: <u>562/539</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawi D
	<i>/</i>		•	***************************************	al Carrier Company and Car	**************************************	en engeneral sport (sp. 1818) en			***************************************		T. V V P Table School West Transcool
	26.	Docum	ent ID	: US 6	727380 B2							
L4:	Ent	ry 26 c	of 294	<u> </u>		File	: USPT			Apr 27	200	14

US-PAT-NO: 6727380

DOCUMENT-IDENTIFIER: US 6727380 B2

TITLE: Oxidation process for the production of alkenes and carboxylic acids

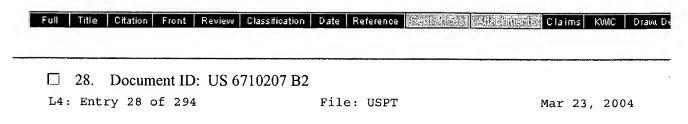
Full	Title	Citation	Front	Review	Classification	Date	Reference	September 1	All Chira is	Claims	KWIC	Drawu
	27.	Docum	ent ID	: US 6	713489 B2							

Mar 30, 2004

US-PAT-NO: 6713489

DOCUMENT-IDENTIFIER: US 6713489 B2

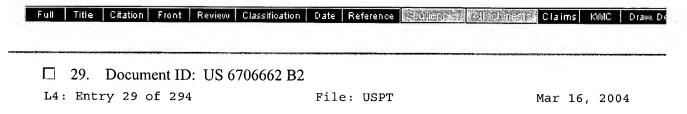
TITLE: 7-[(4'-trifluoromethyl-biphenyl-2-carbonyl)amino]-quinoline-3-carboxylic acid amides, and methods of inhibiting the secretion of apolipoprotein B



US-PAT-NO: 6710207

DOCUMENT-IDENTIFIER: US 6710207 B2

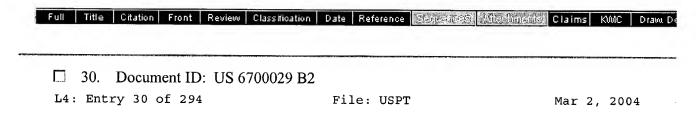
TITLE: Methods for producing unsaturated carboxylic acids and unsaturated nitriles



US-PAT-NO: 6706662

DOCUMENT-IDENTIFIER: US 6706662 B2

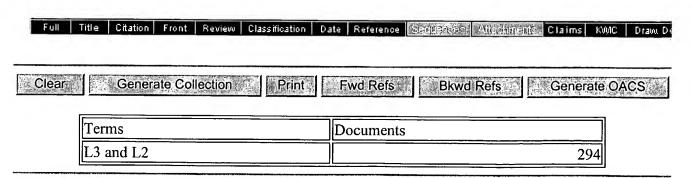
TITLE: Catalyst for dehydrogenating primary alcohols to make carboxylic acid salts



US-PAT-NO: 6700029

DOCUMENT-IDENTIFIER: US 6700029 B2

TITLE: Processes for the preparation of olefins, unsaturated $\underline{\text{carboxylic acids}}$ and unsaturated nitriles from alkanes



Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 31 through 40 of 294 returned.

☐ 31. Document ID: US 6673811 B1

Using default format because multiple data bases are involved.

L4: Entry 31 of 294

File: USPT

Jan 6, 2004

US-PAT-NO: 6673811

DOCUMENT-IDENTIFIER: US 6673811 B1

TITLE: 1H-pyrrolo [3,2-b] pyridine-3-carboxylic acid amines as GABAA receptor

ligands

DATE-ISSUED: January 6, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Maynard; George D.

Clinton

CT

Ghosh; Manuka

Branford CT

O'Donnell; Christopher J.

Mystic

CT

US-CL-CURRENT: <u>514</u>/<u>300</u>; <u>514</u>/<u>255.02</u>, <u>544</u>/<u>405</u>, <u>546</u>/<u>113</u>

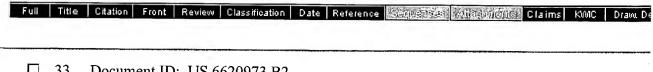
Full	Title	Citation	Front	Review	Classification	Date	Reference	Paper (Sp. 1988) media	Claims	KWIC	Draw. De
	32	Dogum	ont ID). IIC 6	638891 B2	**************************************		The state of the s			
	52.	Docum	ciii il	, US 0	030091 D2						
L4:	Ent	ry 32 c	of 294	1		File	: USPT		Oct 28,	200	3

US-PAT-NO: 6638891

DOCUMENT-IDENTIFIER: US 6638891 B2

TITLE: Molybdenum and vanadium based catalysts for the oxidation of alkanes to

carboxylic acids and olefins



☐ 33. Document ID: US 6620973 B2

L4: Entry 33 of 294

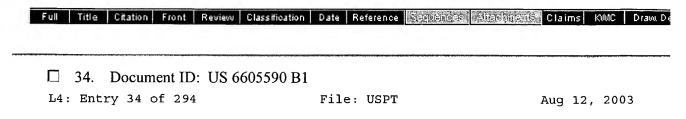
File: USPT

Sep 16, 2003

US-PAT-NO: 6620973

DOCUMENT-IDENTIFIER: US 6620973 B2

TITLE: Catalysts for oxidation of lower olefins to $\underline{unsaturated\ aldehydes}$, methods of making and using the same

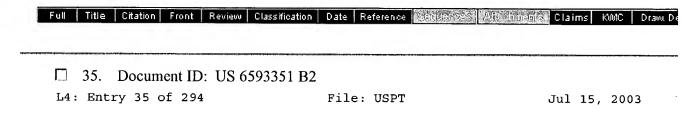


US-PAT-NO: 6605590

DOCUMENT-IDENTIFIER: US 6605590 B1

TITLE: Oligomers and oligomeric segments of alpha-hydroxy carboxylic acids and

alpha-amino acids

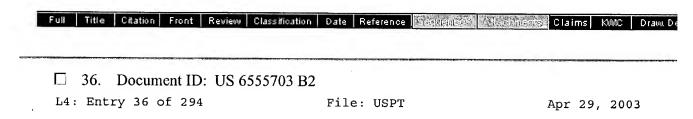


US-PAT-NO: 6593351

DOCUMENT-IDENTIFIER: US 6593351 B2

** See image for Certificate of Correction **

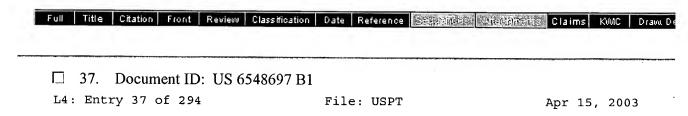
TITLE: Carboxylic acid substituted heterocycles, derivatives thereof and methods of



US-PAT-NO: 6555703

DOCUMENT-IDENTIFIER: US 6555703 B2

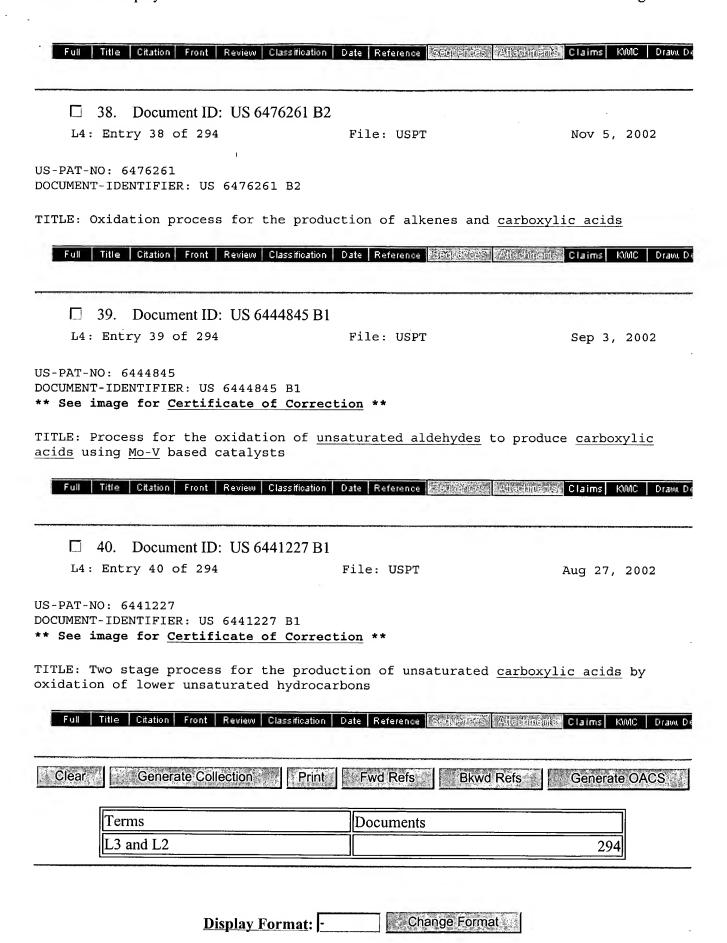
TITLE: Process for the preparation of <u>carboxylic acid</u> benzyl esters



US-PAT-NO: 6548697

DOCUMENT-IDENTIFIER: US 6548697 B1

TITLE: Oxidation process for the production of alkenes and carboxylic acids



Clear Generate Collection Print Bkwd Refs Fwd Refs Generate OACS

Search Results - Record(s) 41 through 50 of 294 returned.

☐ 41. Document ID: US 6429331 B1

Using default format because multiple data bases are involved.

L4: Entry 41 of 294

File: USPT

Aug 6, 2002

US-PAT-NO: 6429331

DOCUMENT-IDENTIFIER: US 6429331 B1

TITLE: Process for preparing saturated carboxylic acids having from 1 to 4 carbon

atoms from butenes and butanes

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME CITY ZIP CODE STATE COUNTRY Ruedinger; Christoph Munchen DΕ Eberle; Hans-Juergen Munchen DΕ Bogner; Ragnar Munchen DΕ Kohlmann; Wolfgang Munchen DE

US-CL-CURRENT: $\underline{562}/\underline{512.2}$; $\underline{562}/\underline{523}$, $\underline{562}/\underline{546}$, $\underline{562}/\underline{547}$, $\underline{562}/\underline{548}$, $\underline{562}/\underline{549}$, $\underline{562}/\underline{607}$

Full Title Citation Front Review Classification Date Reference Sequences retigibile its Claims KMC Draw De ☐ 42. Document ID: US 6376708 B1 L4: Entry 42 of 294 File: USPT

US-PAT-NO: 6376708

DOCUMENT-IDENTIFIER: US 6376708 B1

TITLE: Process and catalyst for dehydrogenating primary alcohols to make carboxylic acid salts

Full Title Citation Front Review Classification Date Reference State intents Claims KWIC Draw De

☐ 43. Document ID: US 6369075 B1

L4: Entry 43 of 294

File: USPT

Apr 9, 2002

Apr 23, 2002

US-PAT-NO: 6369075

DOCUMENT-IDENTIFIER: US 6369075 B1

TITLE: 7[4'-trifluoromethyl-biphenyl-2-carbonyl)amino]-quinoline-3-carboxylic acid amides, and method of inhibiting the secretion of apolipoprotein B

Full Title Citation Front Review Classification Date Reference Schools Attaching Claims KMC Draw De 44. Document ID: US 6337424 B1
L4: Entry 44 of 294 File: USPT Jan 8, 2002

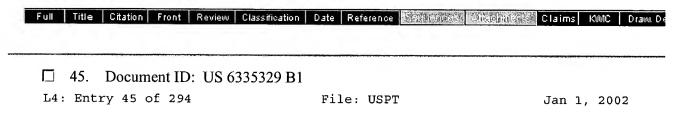
US-PAT-NO: 6337424

DOCUMENT-IDENTIFIER: US 6337424 B1

** See image for Certificate of Correction **

TITLE: Catalysts oxidation of lower olefins to unsaturated aldehydes, methods of

making and using the same

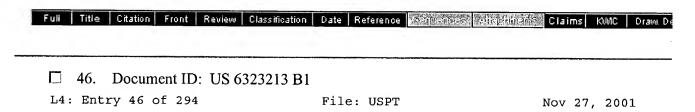


US-PAT-NO: 6335329

DOCUMENT-IDENTIFIER: US 6335329 B1

** See image for Certificate of Correction **

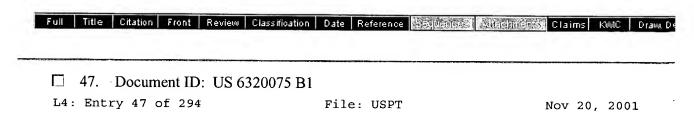
TITLE: <u>Carboxylic acid</u> substituted heterocycles, derivatives thereof and methods of use



US-PAT-NO: 6323213

DOCUMENT-IDENTIFIER: US 6323213 B1

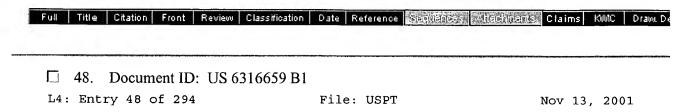
TITLE: Possibly substituted 8-cyano-1-cyclopropyl-7-(2,8-diazabicyclo-[4.3. 0]-nonan-8-yl)-6-fluoro-1,4-dihydro-4-oxo-3-quinolin <u>carboxylic acids</u> and their derivatives



US-PAT-NO: 6320075

DOCUMENT-IDENTIFIER: US 6320075 B1

TITLE: Process and apparatus for preparing saturated $\underline{\text{carboxylic acids}}$ having one to four carbon atoms

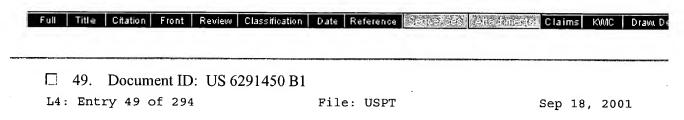


US-PAT-NO: 6316659

DOCUMENT-IDENTIFIER: US 6316659 B1

TITLE: Method for producing cyclopentanone and cyclopentene-1-carboxylic acid and

their esters

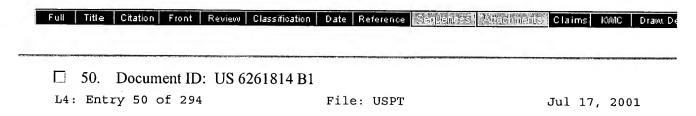


US-PAT-NO: 6291450

DOCUMENT-IDENTIFIER: US 6291450 B1

** See image for Certificate of Correction **

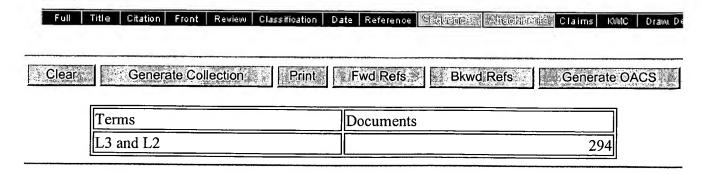
TITLE: Carboxylic acid substituted heterocycles, derivatives thereof and methods of use



US-PAT-NO: 6261814

DOCUMENT-IDENTIFIER: US 6261814 B1

TITLE: Carboxylic acid reductase, and methods of using same



Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OAGS

Search Results - Record(s) 51 through 60 of 294 returned.

☐ 51. Document ID: US 6258992 B1

Using default format because multiple data bases are involved.

L4: Entry 51 of 294

File: USPT

Jul 10, 2001

US-PAT-NO: 6258992

DOCUMENT-IDENTIFIER: US 6258992 B1

TITLE: Gas phase catalytic oxidation of hydrocarbons to carboxylic acids and

dehydrogenated products

DATE-ISSUED: July 10, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Karim; Khalid

Riyadh

SA

Khan; Asad

Riyadh

idh SA

US-CL-CURRENT: $\underline{585/663}$; $\underline{560/245}$, $\underline{562/547}$, $\underline{562/548}$, $\underline{562/549}$, $\underline{585/328}$, $\underline{585/658}$

Full Title Citation Front Review Classification Date Reference Claims RMC Draw, De St. Document ID: US 6180825 B1

L4: Entry 52 of 294 File: USPT Jan 30, 2001

US-PAT-NO: 6180825

DOCUMENT-IDENTIFIER: US 6180825 B1

TITLE: Oxidation of alkanes to <u>unsaturated aldehydes and carboxylic acids</u> using a catalyst containing Mo, V, Te and Nb

Full Title Citation Front Review Classification Date Reference Claims RMC Draw Do

53. Document ID: US 6130075 A

L4: Entry 53 of 294 File: USPT Oct 10, 2000

US-PAT-NO: 6130075

DOCUMENT-IDENTIFIER: US 6130075 A

TITLE: Polymer conjugates of polyethylene glycols or oxides with polyethyleneimine

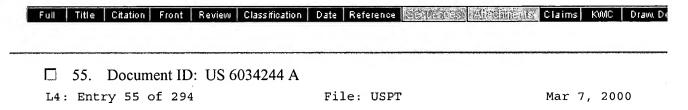
or polypropylenimine for extracting carboxylic acids from solutions

Full Title Citation Front Review Classification Date Reference Claims RMC Draw De September Claims RMC

US-PAT-NO: 6124455

DOCUMENT-IDENTIFIER: US 6124455 A

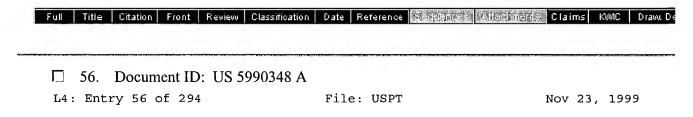
TITLE: Aryl or heteroaryl amides of tetrahydronaphthalene, chroman, thiochroman and 1,2,3,4-tetrahydroquinoline <u>carboxylic acids</u>, having an electron withdrawing substituent in the aromatic or heteroaromatic moiety, having retinoid-like biological activity



US-PAT-NO: 6034244

DOCUMENT-IDENTIFIER: US 6034244 A

TITLE: Aryl or heteroaryl amides of tetrahydronaphthalene, chroman, thiochroman and 1,2,3,4-tetrahydroquinoline <u>carboxylic acids</u>, having an electron withdrawing substituent in the aromatic or heteroaromatic moiety, having retinoid-like biological activity

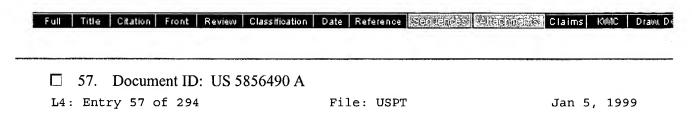


US-PAT-NO: 5990348

DOCUMENT-IDENTIFIER: US 5990348 A

** See image for Certificate of Correction **

TITLE: Conversion of alkanes to unsaturated <u>carboxylic acids</u> over heteroploy acids supported on polyoxometallate salts

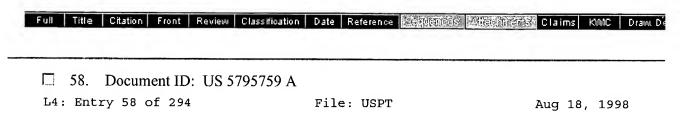


US-PAT-NO: 5856490

DOCUMENT-IDENTIFIER: US 5856490 A

** See image for Certificate of Correction **

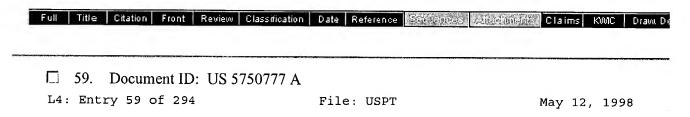
TITLE: Aryl or heteroaryl amides of tetrahydronaphthalene, chroman, thiochroman and 1,2,3,4-tetrahydroquinoline <u>carboxylic acids</u>, having an electron withdrawing substituent in the aromatic or heteroaromatic moiety, having retinoid-like biological activity



US-PAT-NO: 5795759

DOCUMENT-IDENTIFIER: US 5795759 A

TITLE: Carboxylic acid reductase, and methods of using same



US-PAT-NO: 5750777

DOCUMENT-IDENTIFIER: US 5750777 A

TITLE: Process for the preparation of $\underline{\text{carboxylic acids}}$ by controlled oxidation of the corresponding alkanes

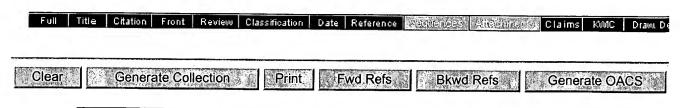
Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences Attachnence	Claims	KWIC	Draw, De
	60.	Docum	ent ID	: US 5	675024 A						
L4:	Ent	ry 60 c	f 294	<u> </u>		Fil	e: USPT	•	Oct 7	, 199	97

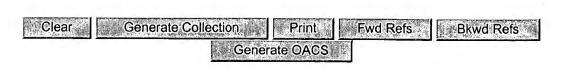
US-PAT-NO: 5675024

DOCUMENT-IDENTIFIER: US 5675024 A

** See image for Certificate of Correction **

TITLE: Aryl or heteroaryl amides of tetrahydronaphthalene, chroman, thiochroman and 1,2,3,4,-tetrahydroquinoline <u>carboxylic acids</u>, having an electron withdrawing substituent in the aromatic or heteroaromatic moiety, having retinoid-like biological activity





Search Results - Record(s) 61 through 70 of 294 returned.

☐ 61. Document ID: US 5563295 A

Using default format because multiple data bases are involved.

L4: Entry 61 of 294

File: USPT

Oct 8, 1996

US-PAT-NO: 5563295

DOCUMENT-IDENTIFIER: US 5563295 A

TITLE: Process for producing optically active carboxylic acid

DATE-ISSUED: October 8, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Takaya; Hidemasa Shiga JP Zhang; Xiaoyong Kanagawa JP Matsumura; Kazuhiko Kanagawa JP Sayo; Noboru Kanagawa JP Kumobayashi; Hidenori Kanagawa JΡ

US-CL-CURRENT: $\underline{562}/\underline{606}$; $\underline{562}/\underline{405}$, $\underline{562}/\underline{496}$, $\underline{562}/\underline{605}$

Full	Title	Citation	Front	Review	Classification	Date	Reference	Alternative.	Claims	KMC	Drawt Di

☐ 62. Document ID: US 5332675 A

L4: Entry 62 of 294

File: USPT

Jul 26, 1994

US-PAT-NO: 5332675

DOCUMENT-IDENTIFIER: US 5332675 A

TITLE: Optically active aromatic carboxylic acid derivatives and process for

producing the same



☐ 63. Document ID: US 5198581 A

L4: Entry 63 of 294

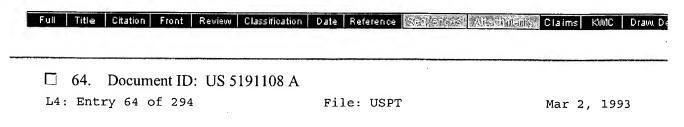
File: USPT

Mar 30, 1993

US-PAT-NO: 5198581

DOCUMENT-IDENTIFIER: US 5198581 A

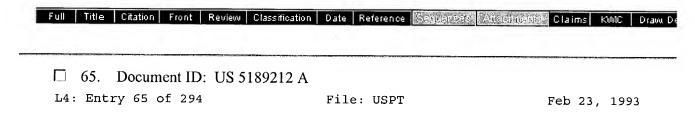
TITLE: Process for producing unsaturated aldehydes and unsaturated acids



US-PAT-NO: 5191108

DOCUMENT-IDENTIFIER: US 5191108 A

TITLE: Catechol carboxylic acids

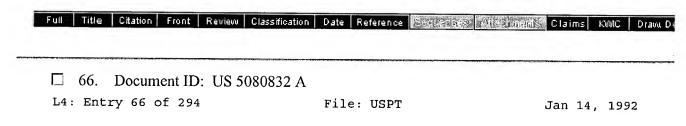


US-PAT-NO: 5189212

DOCUMENT-IDENTIFIER: US 5189212 A

** See image for Certificate of Correction **

TITLE: Triarylethylene carboxylic acids with estrogenic activity

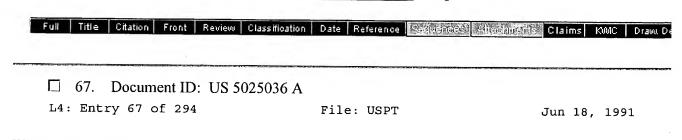


US-PAT-NO: 5080832

DOCUMENT-IDENTIFIER: US 5080832 A

** See image for Certificate of Correction **

TITLE: Optically nonlinear aromatic carboxylic acid complexes

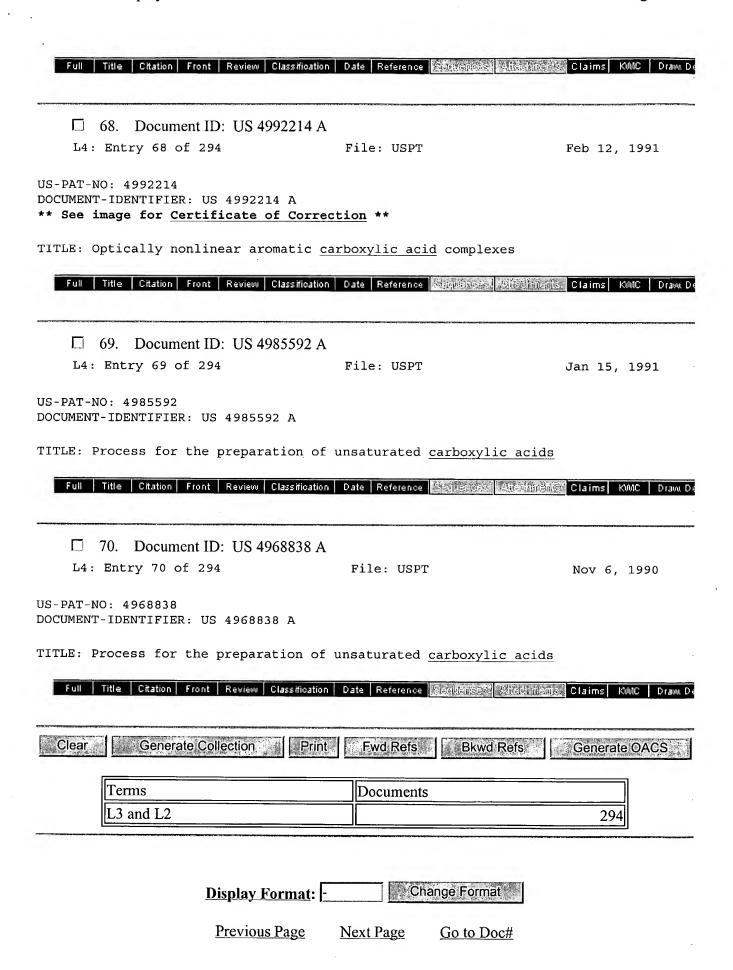


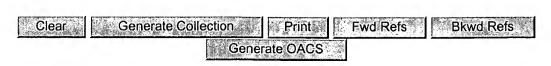
US-PAT-NO: 5025036

DOCUMENT-IDENTIFIER: US 5025036 A

** See image for Certificate of Correction **

TITLE: Catechol carboxylic acids





Search Results - Record(s) 71 through 80 of 294 returned.

☐ 71. Document ID: US 4891347 A

Using default format because multiple data bases are involved.

L4: Entry 71 of 294

File: USPT

Jan 2, 1990

US-PAT-NO: 4891347

DOCUMENT-IDENTIFIER: US 4891347 A

TITLE: Process for the preparation of catalyst used in the production of

unsaturated <u>carboxylic acids</u>

DATE-ISSUED: January 2, 1990

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Oh-Kita; Motomu Otake JP Ishii; Kazuhiro Otake JP Kato; Masaaki Otake JP Kobayashi; Masao Otake JP

US-CL-CURRENT: 502/206; 502/209, 502/211, 562/532, 562/535

Full	Title	Citation	Front	Review	Classification	Date	Reference	sequences?	r Maldinian (e)	Claims	KWIC	Draw. D
			**************************************			VIV-18-18-18-18-18-18-18-18-18-18-18-18-18-						

File: USPT

US-PAT-NO: 4673738

DOCUMENT-IDENTIFIER: US 4673738 A

L4: Entry 72 of 294

** See image for Certificate of Correction **

TITLE: Novel intermediates of cephalosporins and process for producing 7-(substituted or unsubstituted amino)-3-substituted methyl-.DELTA..sup.3 -cephem-4-carboxylic acids

				Citation	

L4: Entry 73 of 294

File: USPT

May 5, 1987

Jun 16, 1987

Dec 24, 1985

US-PAT-NO: 4663479

DOCUMENT-IDENTIFIER: US 4663479 A

TITLE: Preparation of aliphatic carboxylic acids and aldehydes by upgrading alpha-

hydroxycarboxylic acids

Full Title Citation Front Review Classification Date Reference Ref

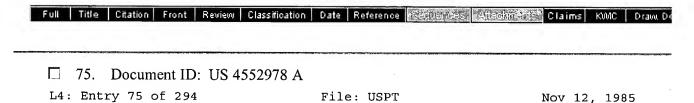
File: USPT

US-PAT-NO: 4560673

DOCUMENT-IDENTIFIER: US 4560673 A

L4: Entry 74 of 294

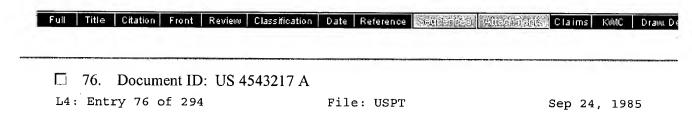
TITLE: Catalyst for the oxidation of unsaturated aldehydes



US-PAT-NO: 4552978

DOCUMENT-IDENTIFIER: US 4552978 A

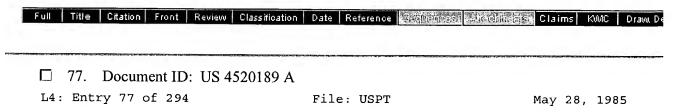
TITLE: Oxidation of unsaturated aldehydes



US-PAT-NO: 4543217

DOCUMENT-IDENTIFIER: US 4543217 A

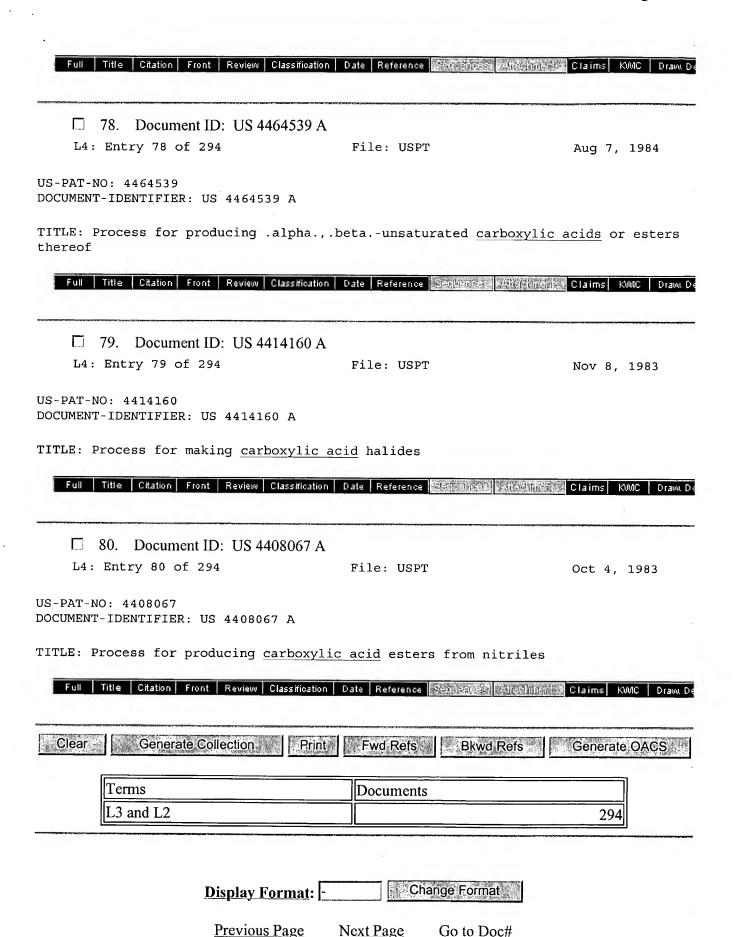
TITLE: Process for making carboxylic acid halides



US-PAT-NO: 4520189

DOCUMENT-IDENTIFIER: US 4520189 A

TITLE: Optical device including birefringent aromatic amino carboxylic acid polymer



Clear Generate Collection Print Fwd Refs Bkwd Refs
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Search Results - Record(s) 81 through 90 of 294 returned.

□ 81. Document ID: US RE31088 E

Using default format because multiple data bases are involved.

L4: Entry 81 of 294

File: USPT

Nov 23, 1982

US-PAT-NO: RE31088

DOCUMENT-IDENTIFIER: US RE31088 E

TITLE: Process for the manufacture of unsaturated aldehydes and acids from the

corresponding olefins

DATE-ISSUED: November 23, 1982

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Grasselli; Robert K.

Chagrin Falls

OH

Suresh; Dev D. Milberger; Ernest C. Macedonia Solon

OH

ОН

US-CL-CURRENT: 562/535

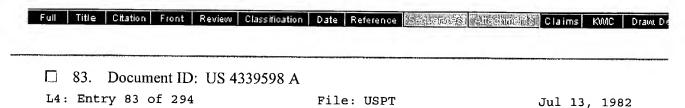
Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences.	Talisa Into the	Claims	KWIC	Draw, De
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_	82	Docum	ent ID). IIQ 4	341900 A							
	02.	2000111	CIR ID	, US 1	341900 A							

US-PAT-NO: 4341900

DOCUMENT-IDENTIFIER: US 4341900 A

** See image for Certificate of Correction **

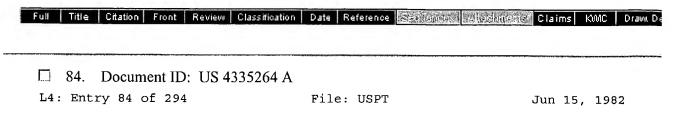
TITLE: Catalytic process for the preparation of unsaturated <u>carboxylic acid</u>



US-PAT-NO: 4339598

DOCUMENT-IDENTIFIER: US 4339598 A

TITLE: Preparation of unsaturated acids and esters from saturated <u>carboxylic acid</u> derivatives and carbonyl compounds over catalysts containing V and Sb

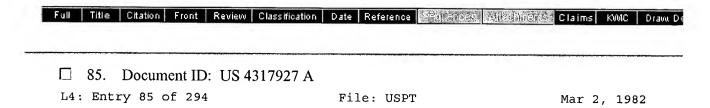


US-PAT-NO: 4335264

DOCUMENT-IDENTIFIER: US 4335264 A

** See image for Certificate of Correction **

TITLE: High yield, low byproduct .alpha., .beta. -unsaturated aldehydes from olefins

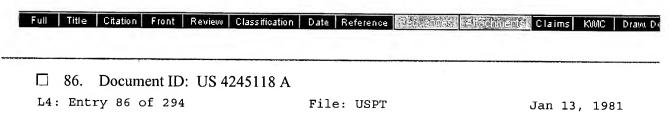


US-PAT-NO: 4317927

DOCUMENT-IDENTIFIER: US 4317927 A

** See image for Certificate of Correction **

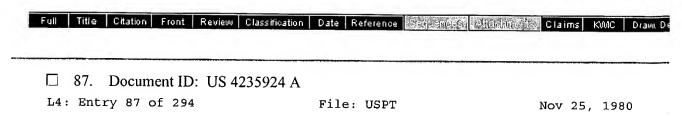
TITLE: Process for the catalytic conversion of olefinically $\underline{\text{unsaturated aldehydes}}$ to their corresponding acids



US-PAT-NO: 4245118

DOCUMENT-IDENTIFIER: US 4245118 A

TITLE: Oxidation of unsaturated aldehydes

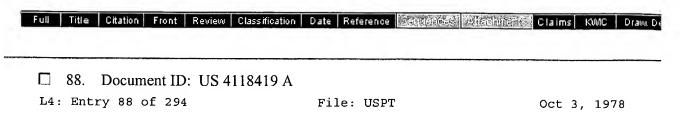


US-PAT-NO: 4235924

DOCUMENT-IDENTIFIER: US 4235924 A

TITLE: Prostacyclin analogs of the 1 series and related analogs wherein the

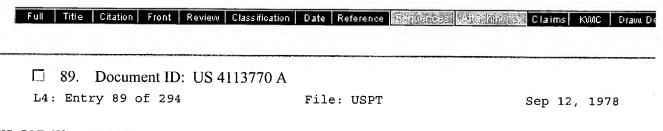
carboxylic acid function has been replaced



US-PAT-NO: 4118419

DOCUMENT-IDENTIFIER: US 4118419 A

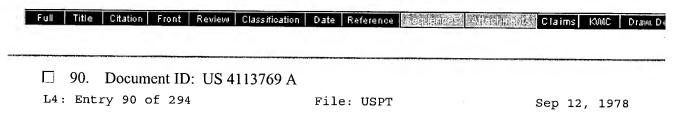
TITLE: Catalytic process for the preparation of an unsaturated carboxylic acid



US-PAT-NO: 4113770

DOCUMENT-IDENTIFIER: US 4113770 A

TITLE: Process for preparing unsaturated carboxylic acids



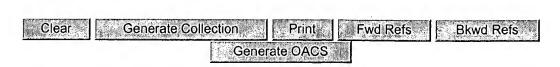
US-PAT-NO: 4113769

DOCUMENT-IDENTIFIER: US 4113769 A

TITLE: Process for preparing unsaturated <u>carboxylic acids</u> by gas phase catalytic oxidation of the corresponding aldehydes

Full	Title	Citation	Front	Review	Classification	Date	Reference	of the lines.	y Misisons	ព្រឹទ្ធិ Claims	KMC	D
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	-	ms and L2				D	ocuments	 			94	

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Search Results - Record(s) 91 through 100 of 294 returned.

☐ 91. Document ID: US 4075127 A

Using default format because multiple data bases are involved.

L4: Entry 91 of 294

File: USPT

Feb 21, 1978

US-PAT-NO: 4075127

DOCUMENT-IDENTIFIER: US 4075127 A

TITLE: Catalyst for production of .alpha.,.beta.-unsaturated carboxylic acids

DATE-ISSUED: February 21, 1978

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kadowaki; Koju Ibaraki JA Takagi; Kenji Ibaraki JA Tanaka; Yoshiaki Ibaraki JA

US-CL-CURRENT: 502/312; 562/535

US-PAT-NO: 4042625

DOCUMENT-IDENTIFIER: US 4042625 A

** See image for Certificate of Correction **

TITLE: Process and catalyst for preparing unsaturated carboxylic acid

Full Title Citation Front Review Classification Date Reference Sequence Claims KWC Draw De

93. Document ID: US 4039572 A

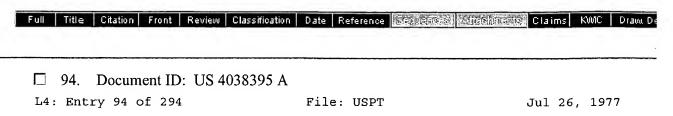
L4: Entry 93 of 294 File: USPT Aug 2, 1977

US-PAT-NO: 4039572

DOCUMENT-IDENTIFIER: US 4039572 A

TITLE: Process for preparing diesters of carboxylic acids by catalytic oxidative

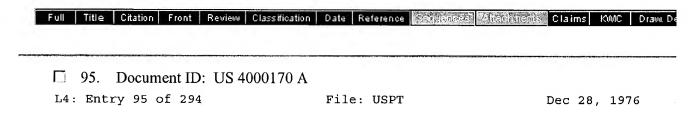
carbonylation



US-PAT-NO: 4038395

DOCUMENT-IDENTIFIER: US 4038395 A

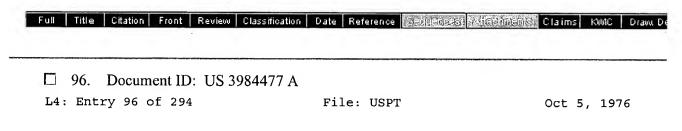
TITLE: Compositions of and method of treating with the alpha-isomer of 2-chloro-9-[3'-(N'-2-hydroxyethylpiperazino-N)-propylidene]-thiaxanthene, carboxylic acid esters thereof and acid addition salts of these compounds



US-PAT-NO: 4000170

DOCUMENT-IDENTIFIER: US 4000170 A

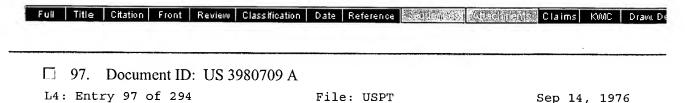
TITLE: Production of <u>carboxylic acids</u> by controlling the active form of iridium catalyst in response to infrared absorption spectra



US-PAT-NO: 3984477

DOCUMENT-IDENTIFIER: US 3984477 A

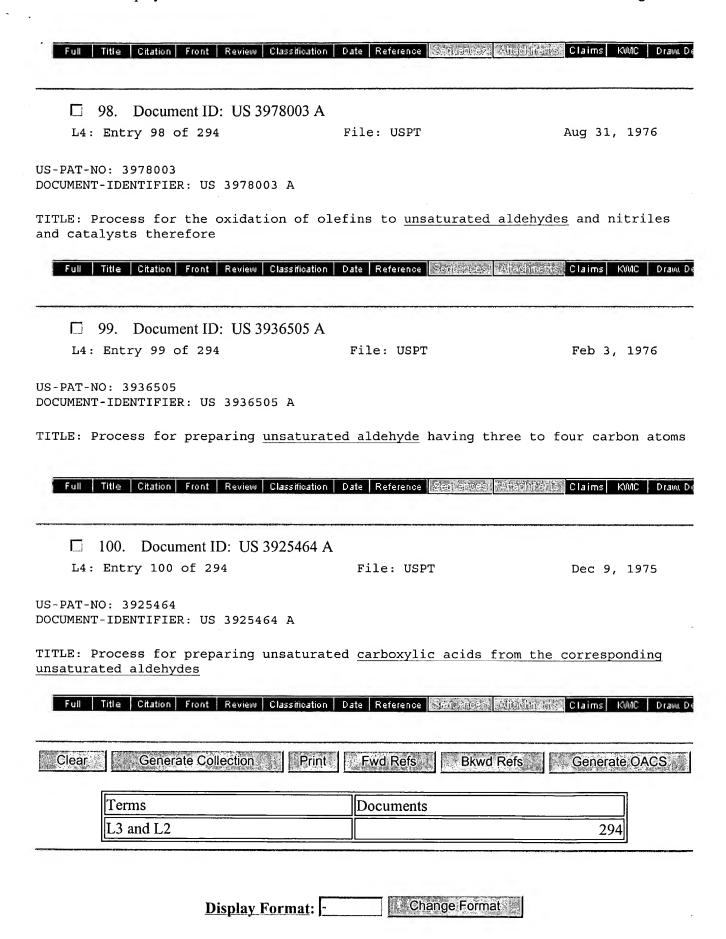
TITLE: Catalyst for production of .alpha.,.beta.-unsaturated aldehydes



US-PAT-NO: 3980709

DOCUMENT-IDENTIFIER: US 3980709 A

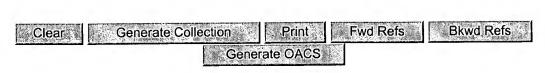
TITLE: Catalyst for preparation of .alpha.,.beta.<u>-unsaturated aldehydes</u> and process for preparing the aldehydes



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Search Results - Record(s) 101 through 110 of 294 returned.

☐ 101. Document ID: US 3867438 A

Using default format because multiple data bases are involved.

L4: Entry 101 of 294

File: USPT

Feb 18, 1975

US-PAT-NO: 3867438

DOCUMENT-IDENTIFIER: US 3867438 A

TITLE: Process for the oxidation of .alpha.,.beta.-unsaturated aldehydes

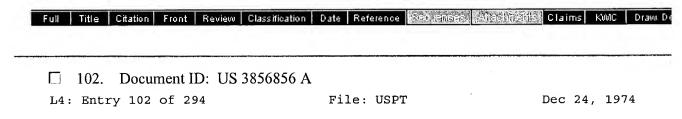
to .alpha..beta.-unsaturated carboxylic acids

DATE-ISSUED: February 18, 1975

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME Grossauheim DT Hensel; Jorg DT Lussling; Theodor Grossauheim Grosskrotzenburg DT Noll; Ewald DT Schaefer; Hans Grossauheim Offenbach DT Weigert; Wolfgang

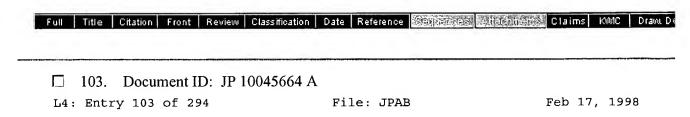
US-CL-CURRENT: 562/535



US-PAT-NO: 3856856

DOCUMENT-IDENTIFIER: US 3856856 A

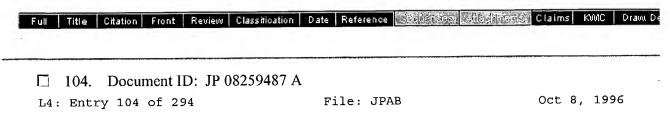
TITLE: PRODUCTION OF CARBOXYLIC ACIDS AND ESTERS



PUB-NO: JP410045664A

DOCUMENT-IDENTIFIER: JP 10045664 A

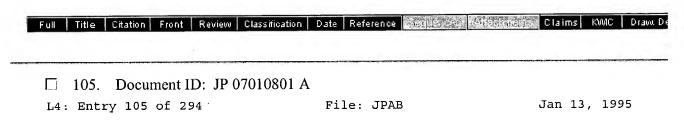
TITLE: PRODUCTION OF ALPHA, BETA-UNSATURATED CARBOXYLIC ACID



PUB-NO: JP408259487A

DOCUMENT-IDENTIFIER: JP 08259487 A

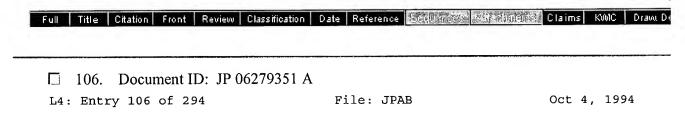
TITLE: PRODUCTION OF UNSATURATED ALDEHYDE



PUB-NO: JP407010801A

DOCUMENT-IDENTIFIER: JP 07010801 A

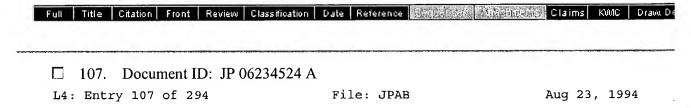
TITLE: PRODUCTION OF ALPHA, BETA-UNSATURATED CARBOXYLIC ACID



PUB-NO: JP406279351A

DOCUMENT-IDENTIFIER: JP 06279351 A

TITLE: PRODUCTION OF UNSATURATED CARBOXYLIC ACID

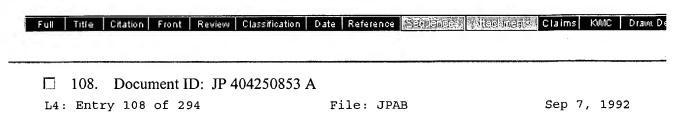


PUB-NO: JP406234524A

DOCUMENT-IDENTIFIER: JP 06234524 A

TITLE: TIN-BASED MATERIAL COMPOSITION, CATALYST BASED THEREON, AND THEIR USE FOR

PREPARATION OF UNSATURATED CARBOXYLIC ACID

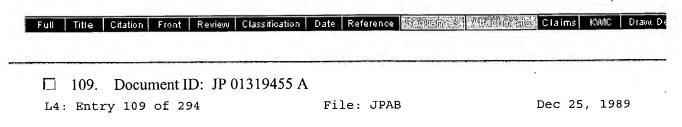


PUB-NO: JP404250853A

DOCUMENT-IDENTIFIER: JP 404250853 A

TITLE: USE OF HETEROPOLY ACID AS CATALYST FOR THE PREPARATION OF ESTER OF UNSATURATED CARBOXYLIC ACID BY (TRANS) ESTERIFICATION IN LIQUID PHASE AND

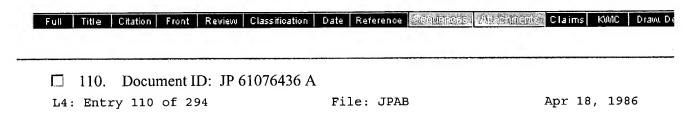
PRODUCTION THEREOF



PUB-NO: JP401319455A

DOCUMENT-IDENTIFIER: JP 01319455 A

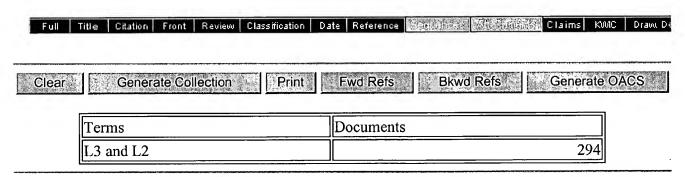
TITLE: PRODUCTION OF UNSATURATED CARBOXYLIC ACID AND ESTER THEREOF



PUB-NO: JP361076436A

DOCUMENT-IDENTIFIER: JP 61076436 A

TITLE: PRODUCTION OF UNSATURATED CARBOXYLIC ACID



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